

=====

Sequence Listing was accepted.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: Thu Sep 13 12:54:32 EDT 2007

=====

Application No: 10582116 Version No: 1.0

Input Set:

Output Set:

Started: 2007-08-31 16:16:37.953
Finished: 2007-08-31 16:16:40.177
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 224 ms
Total Warnings: 14
Total Errors: 16
No. of SeqIDs Defined: 16
Actual SeqID Count: 16

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
E 257	Invalid sequence data feature in <221> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
E 257	Invalid sequence data feature in <221> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
E 257	Invalid sequence data feature in <221> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
E 257	Invalid sequence data feature in <221> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
E 257	Invalid sequence data feature in <221> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
E 257	Invalid sequence data feature in <221> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
E 257	Invalid sequence data feature in <221> in SEQ ID (10)
E 257	Invalid sequence data feature in <221> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
E 257	Invalid sequence data feature in <221> in SEQ ID (11)
E 257	Invalid sequence data feature in <221> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)

Input Set:

Output Set:

Started: 2007-08-31 16:16:37.953
Finished: 2007-08-31 16:16:40.177
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 224 ms
Total Warnings: 14
Total Errors: 16
No. of SeqIDs Defined: 16
Actual SeqID Count: 16

Error code	Error Description
E 257	Invalid sequence data feature in <221> in SEQ ID (12)
E 257	Invalid sequence data feature in <221> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
E 257	Invalid sequence data feature in <221> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
E 257	Invalid sequence data feature in <221> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
E 257	Invalid sequence data feature in <221> in SEQ ID (16)
E 257	Invalid sequence data feature in <221> in SEQ ID (16)

SEQUENCE LISTING

<110> ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY
BROWNLEE, Michael A.

<120> GLP-1 (9-36) METHODS AND COMPOSITIONS

<130> 96700/1143 (from PCT 96700/939)

<140> 10582116

<141> 2007-08-31

<150> PCT/US2004/040852

<151> 2004-12-07

<150> US 60/529,247

<151> 2003-12-12

<160> 16

<170> PatentIn version 3.3

<210> 1

<211> 28

<212> PRT

<213> Homo sapiens

<400> 1

Glu	Gly	Thr	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Leu	Glu	Gly	Gln	Ala
1				5				10						15	

Ala	Lys	Glu	Phe	Ile	Ala	Trp	Leu	Val	Lys	Gly	Arg
			20				25				

<210> 2

<211> 29

<212> PRT

<213> Homo sapiens

<400> 2

Glu	Gly	Thr	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Leu	Glu	Gly	Gln	Ala
1				5				10						15	

Ala	Lys	Glu	Phe	Ile	Ala	Trp	Leu	Val	Lys	Gly	Arg	Gly
			20				25					

<210> 3

<211> 29

<212> PRT

<213> Artificial

<220>

<223> synthetic

<400> 3

Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln Ala
1 5 10 15

Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Arg
20 25

<210> 4

<211> 28

<212> PRT

<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

<222> (18)..(18)

<223> ACETYLTATION: acLys = acetyl lysine

<400> 4

Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln Ala
1 5 10 15

Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
20 25

<210> 5

<211> 29

<212> PRT

<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

<222> (18)..(18)

<223> ACETYLTATION: acLys = acetyl lysine

<400> 5

Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln Ala
1 5 10 15

Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
20 25

<210> 6
<211> 29
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (18)..(18)
<223> ACETYLTATION: acyLys = acetyl lysine

<400> 6

Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln Ala
1 5 10 15

Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Arg
20 25

<210> 7
<211> 28
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (26)..(26)
<223> ACETYLTATION: acLys = acetyl lysine

<400> 7

Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln Ala
1 5 10 15

Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
20 25

<210> 8
<211> 29
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (26)..(26)
<223> ACETYLATION: acLys = acetyl lysine

<400> 8

Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln Ala
1 5 10 15

Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
20 25

<210> 9
<211> 29
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (26)..(26)
<223> ACETYLATION: acLys = acetyl lysine

<400> 9

Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln Ala
1 5 10 15

Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Arg
20 25

<210> 10
<211> 28
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (18)..(18)
<223> ACETYLATION: acLys = acetyl lysine

<220>
<221> MOD_RES
<222> (26)..(26)
<223> ACETYLATION: acLys = acetyl lysine

<400> 10

Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln Ala
1 5 10 15

Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
20 25

<210> 11
<211> 29
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (18)..(18)
<223> ACETYLATION: acLys = acetyl lysine

<220>
<221> MOD_RES
<222> (26)..(26)
<223> ACETYLATION: acLys = acetyl lysine

<400> 11

Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln Ala
1 5 10 15

Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Arg
20 25

<210> 12
<211> 29
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (18)..(18)
<223> ACETYLATION: acLys = acetyl lysine

<220>
<221> MOD_RES
<222> (26)..(26)
<223> ACETYLATION: acLys = acetyl lysine

<400> 12

Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln Ala
1 5 10 15

Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
20 25

<210> 13
<211> 30
<212> PRT
<213> Artificial

<220>
<223> synthetic

<400> 13

Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln Ala
1 5 10 15

Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly Arg
20 25 30

<210> 14
<211> 30
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (26)..(26)
<223> ACETYLATION: acLys = acetyl lysine

<400> 14

Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln Ala
1 5 10 15

Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly Arg
20 25 30

<210> 15
<211> 30
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (18)..(18)
<223> ACETYLTATION: acLys = acetyl lysine

<400> 15

Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln Ala
1 5 10 15

Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly Arg
20 25 30

<210> 16
<211> 30
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (18)..(18)
<223> ACETYLTATION: acLys = acetyl lysine

<220>
<221> MOD_RES
<222> (26)..(26)
<223> ACETYLTATION: acLys = acetyl lysine

<400> 16

Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln Ala
1 5 10 15

Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly Arg
20 25 30